

Recombinant Human PCYT2, His-tagged

Cat. No. PCYT2-1587H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCYT2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-389aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	PCYT2 phosphate cytidylyltransferase 2, ethanolamine [Homo sapiens]
Official Symbol	PCYT2
Synonyms	PCYT2; phosphate cytidylyltransferase 2, ethanolamine; ethanolamine-phosphate cytidylyltransferase; ET; phosphorylethanolamine transferase; CTP:phosphoethanolamine cytidylyltransferase;

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Gene ID	5833
mRNA Refseq	NM_001184917
Protein Refseq	NP_001171846
MIM	602679
UniProt ID	Q99447
Chromosome Location	17q25.3
Pathway	Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Phosphatidylethanolamine (PE) biosynthesis, ethanolamine =>PE, organism-specific biosystem; Phosphatidylethanolamine (PE) biosynthesis, ethanolamine => PE, conserved biosystem;
Function	ethanolamine-phosphate cytidyltransferase activity; nucleotidyltransferase activity; transferase activity;